

GLASS COMPOSITION FOR DISPLAY PANELS

Abstract

A glass composition suitable for manufacturing plasma displays and large-area displays using the fusion draw process is provided. The glass composition includes 59-66 mol % SiO_2 , 14.5-18.0 mol % Al_2O_3 , 8.5-12.0 mol % Na_2O , 2.5-6.5 mol % K_2O , 2.5-9.0 mol % CaO , 0.0-3.0 mol % MgO , 0.0-3.0 mol % SrO , 0.0-3.0 mol % BaO , and 0.0-5.0 mol % $\text{MgO}+\text{SrO}+\text{BaO}$.